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PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 03-23
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
300 PM EDT WED MAY 21 2003

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
NOAAPORT SUBSCRIBERS
OTHER CUSTOMERS OF NWS AVIATION...CLIMATOLOGICAL DATA AND
FORECASTS
NWS EMPLOYEES

FROM: RAINER DOMBROWSKY
CHIEF...OBSERVING SERVICES DIVISION

SUBJECT: AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/ PRECIPITATION
ACCUMULATION SENSOR REPLACEMENT

NOTE: THE FOLLOWING CHANGES HAVE NO DIRECT IMPACT ON NOAA WEATHER WIRE
SERVICE SUBSCRIBERS.

THE ASOS PRODUCT IMPROVEMENT PROGRAM WILL SOON BEGIN REPORTING DATA FROM A
NEW PRECIPITATION GAUGE...THE ALL WEATHER PRECIPITATION ACCUMULATION GAUGE
/AWPAG/.

THE PRESENT GAUGE...A HEATED TIPPING BUCKET /HTB/ GAUGE...IS PRONE TO
UNDER REPORTING FROZEN AND FREEZING PRECIPITATION. THE AWPAG IS A HEATED
WEIGHING GAUGE AND IS MORE ACCURATE IN MEASURING AND REPORTING FREEZING
AND FROZEN PRECIPITATION.

THE AWPAG HAS BEEN IN FIELD TESTS THROUGHOUT THE PAST WINTER. WHILE STILL
IN AN OPERATIONAL TEST...IN LATE MAY AND JUNE OF 2003...THE AWPAG WILL
BECOME THE OPERATIONAL GAUGE AT THE FOLLOWING 16 OPERATIONAL ACCEPTANCE
TEST LOCATIONS:

MOB MOBILE AL
FCA KALISPELL MT
MCN MACON GA
AVP WILKES BARRE PA
BOI BOISE ID
ERI ERIE PA
SPI SPRINGFIELD IL
ABE ALLENTOWN PA
BOS BOSTON MA
ABR ABERDEEN SD
PWM PORTLAND ME
TRI BRISTOL TN
LAN LANSING MI
AMA AMARILLO TX
MKG MUSKEGON MI

GRB GREEN BAY WI

MORE DETAILED IMPLEMENTATION INFORMATION IS AVAILABLE ON THE SURFACE
OBSERVATION PROGRAM WEB PAGE AT /USE LOWER CASE LETTERS...EXCEPT S IN
SURFACE/:

[HTTP://WWW.NWS.NOAA.GOV/OPS2/SURFACE/INDEX.HTM](http://www.nws.noaa.gov/ops2/surface/index.htm)

IF YOU HAVE ANY QUESTIONS ABOUT THIS CHANGE...PLEASE CONTACT ONE OF THE
FOLLOWING INDIVIDUALS AT NWS HEADQUARTERS:

TIM ROSS
SURFACE OBSERVATIONS PROGRAM MANAGER
SILVER SPRING MARYLAND
PHONE: 301-713-1792 X 114
EMAIL: TIM.ROSS@NOAA.GOV

OR
DAVID MANNARANO
SURFACE OBSERVING SYSTEMS IMPLEMENTATION MANAGER
SILVER SPRING MARYLAND
PHONE: 301-713-2093 X 103
EMAIL: DAVID.MANNARANO@NOAA.GOV

OR

RICHARD AHLBERG
ASOS PRODUCT IMPROVEMENT PROGRAM MANAGER
SILVER SPRING MARYLAND
PHONE: 301-713-1975 X 160
EMAIL: RICHARD.AHLBERG@NOAA.GOV

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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